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Committee on the Peaceful Uses of Outer Space

Information furnished in conformity with the Convention on Registration of Objects Launched into Outer Space

Note verbale dated 18 December 2015 from the Permanent Mission of the United States of America to the United Nations (Vienna) addressed to the Secretary-General

The Permanent Mission of the United States of America to the United Nations (Vienna), in accordance with article IV of the Convention on Registration of Objects Launched into Outer Space (General Assembly resolution 3235 (XXIX), annex), has the honour to transmit registration data on objects launched into outer space by the United States for the period from January to April 2015 (see annexes I-IV).

The United States requests that the space objects contained in the annexes to this document be placed on the Register of Objects Launched into Outer Space. In submitting this request, the United States notes that, consistent with its long-standing registration practice, the United States is not necessarily a launching State for each of the space objects it registers. The United States makes this request in the spirit of contributing to the practical effectiveness of the treaties and is providing information to the greatest extent practicable.

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Annex I

Registration data on space launches by the United States of America for January 2015*

The following report supplements the registration data on United States of America space launches as at 31 January 2015. All launches were made from the territory of the United States unless otherwise specified.

International designator	*Name of the space object*	*Date of the launch*	*Location of the launch*	*Basic orbital characteristics*				*General function of the space object*
				Nodal period (min)	*Inclination (degrees)*	*Apogee (km)*	*Perigee (km)*	
The following objects were launched since the last report and remain in orbit:								
2015-001A	Dragon CRS-5	10 January 2015	–	92.63	51.65	407	399	Reusable space transportation systems
2015-002A	MUOS 3	21 January 2015	–	677.9	19.1	35 121	3 249	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2015-002B	Atlas 5 Centaur R/B	21 January 2015	–	704.8	19	35 821	3 892	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
2015-003A	SMAP	31 January 2015	–	98.2	98.1	690	665	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2015-003B	Firebird 3	31 January 2015	–	95.7	99.1	669	438	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2015-003C	Firebird 4	31 January 2015	–	95.7	99.1	669	438	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2015-003D	GRIFEX	31 January 2015	–	95.7	99.1	669	439	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2015-003E	EXOCUBE	31 January 2015	–	95.7	99.1	670	437	Spacecraft engaged in practical applications and uses of space technology such as weather or communications

The following objects not previously reported have been identified since the last report:

None.

The following objects not previously reported have been identified since the last report but were no longer in orbit as at 2359Z on 31 January 2015:

None.

The following objects achieved orbit since the last report but were no longer in orbit as at 2359Z on 31 January 2015:

None.

The following objects identified in a previous report were no longer in orbit as at 2359Z on 31 January 2015:

1963-014AZ, 2001-047A, 1998-067EY, 1998-067FA, 1998-067FD, 1998-067FE

* The registration data are reproduced in the form in which they were received.

International designator	Name of the space object	Date of the launch	Location of the launch	Basic orbital characteristics				General function of the space object
				Nodal period (min)	Inclination (degrees)	Apogee (km)	Perigee (km)	

The following objects were launched since the last report but did not achieve orbit:

None.

Revisions that should be made to previously reported data:

None.

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ST/SG/SER.E/762

Annex II

Registration data on space launches by the United States of America for February 2015*

The following report supplements the registration data on United States of America space launches as at 28 February 2015. All launches were made from the territory of the United States unless otherwise specified.

International designator	*Name of the space object*	*Date of the launch*	*Location of the launch*	*Basic orbital characteristics*				*General function of the space object*
				Nodal period (min)	*Inclination (degrees)*	*Apogee (km)*	*Perigee (km)*	
The following objects were launched since the last report and remain in orbit:								
2015-007A	DSCOVR	11 February 2015	–	92.6	51.64	404	399	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2015-007B	Falcon 9 R/B	11 February 2015	–	92.6	51.64	404	399	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1998-067FN	Flock 1B 27	27 February 2015	Deployed from the International Space Station (ISS) (Kibo)	92.5	51.6	420	405	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1998-067FP	Flock 1B 28	27 February 2015	Deployed from ISS (Kibo)	92.5	51.6	420	405	Spacecraft engaged in practical applications and uses of space technology such as weather or communications

The following objects not previously reported have been identified since the last report:

None.

The following objects not previously reported have been identified since the last report but were no longer in orbit as at 2359Z on 28 February 2015:

None.

The following objects achieved orbit since the last report but were no longer in orbit as at 2359Z on 28 February 2015:

None.

The following objects identified in a previous report were no longer in orbit as at 2359Z on 28 February 2015:

2015-001A, 2013-064E, 1998-067EX, 2013-050B

The following objects were launched since the last report but did not achieve orbit:

None.

Revisions that should be made to previously reported data:

None.

* The registration data are reproduced in the form in which they were received.

Annex III

Registration data on space launches by the United States of America for March 2015*

The following report supplements the registration data on United States of America space launches as at 31 March 2015. All launches were made from the territory of the United States unless otherwise specified.

International designator	*Name of the space object*	*Date of the launch*	*Location of the launch*	*Basic orbital characteristics*				*General function of the space object*
				Nodal period (min)	*Inclination (degrees)*	*Apogee (km)*	*Perigee (km)*	
The following objects were launched since the last report and remain in orbit:								
2015-010C	Falcon 9 R/B	2 March 2015	–	1 234.5	24.9	63 117	365	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1998-067FQ	Flock 1B 21	2 March 2015	Deployed from the International Space Station (ISS) (Kibo)	91.8	51.6	370	359	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1998-067FR	Flock 1B 22	2 March 2015	Deployed from ISS (Kibo)	91.8	51.6	374	359	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1998-067FS	Flock 1B 10	2 March 2015	Deployed from ISS (Kibo)	91.8	51.6	374	358	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1998-067FT	Flock 1B 9	2 March 2015	Deployed from ISS (Kibo)	91.4	51.6	357	334	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1998-067FU	Flock 1D 1	3 March 2015	Deployed from ISS (Kibo)	91.8	51.6	374	359	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1998-067FV	Flock 1D 2	3 March 2015	Deployed from ISS (Kibo)	92.1	51.6	388	374	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1998-067FW	Flock 1B 5	3 March 2015	Deployed from ISS (Kibo)	92.0	51.6	381	365	Spacecraft engaged in practical applications and uses of space technology such as weather or communications

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International designator	Name of the space object	Date of the launch	Location of the launch	Basic orbital characteristics				General function of the space object
				Nodal period (min)	Inclination (degrees)	Apogee (km)	Perigee (km)	
1998-067FX	Flock 1B 6	3 March 2015	Deployed from ISS (Kibo)	91.8	51.6	375	359	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1998-067FZ	GEARRS-1	4 March 2015	Deployed from ISS (Kibo)	91.9	51.6	379	364	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1998-067GA	MICROMAS	4 March 2015	Deployed from ISS (Kibo)	90.0	51.6	292	262	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1998-067GC	Flock 1B 11	5 March 2015	Deployed from ISS (Kibo)	91.8	51.6	373	360	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1998-067GD	Flock 1B 12	5 March 2015	Deployed from ISS (Kibo)	91.9	51.6	379	365	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2015-011A	MMS 1	13 March 2015	–	1 409.5	28.8	69 984	547	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2015-011B	MMS 2	13 March 2015	–	1 407.5	28.7	69 926	526	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2015-011C	MMS 3	13 March 2015	–	1 412.2	28.9	70 090	547	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2015-011D	MMS 4	13 March 2015	–	1 411.9	29.0	70 085	541	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2015-011E	Atlas 5 R/B	13 March 2015	–	1 415.2	28.8	70 164	557	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
2015-013A	Navstar 73	25 March 2015	–	729.6	55.0	20 474	20 465	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2015-013B	Delta 4 R/B	25 March 2015	–	746.2	54.7	20 961	20 790	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects

The following objects not previously reported have been identified since the last report:

None.

The following objects not previously reported have been identified since the last report but were no longer in orbit as at 2359Z on 31 March 2015:

None.

International designator	Name of the space object	Date of the launch	Location of the launch	Basic orbital characteristics: Nodal period (min)	Inclination (degrees)	Apogee (km)	Perigee (km)	General function of the space object
The following objects achieved orbit since the last report but were no longer in orbit as at 2359Z on 31 March 2015:								
None.								
The following objects identified in a previous report were no longer in orbit as at 2359Z on 31 March 2015:								
2013-064H, 2013-064J, 1998-067EU, 1998-067FB, 1998-067FC, 1998-067EV, 1998-067FF								
The following objects were launched since the last report but did not achieve orbit:								
None.								
Revisions that should be made to previously reported data:								
None.								

Annex IV

Registration data on space launches by the United States of America for April 2015*

The following report supplements the registration data on United States of America space launches as at 30 April 2015. All launches were made from the territory of the United States unless otherwise specified.

International designator	*Name of the space object*	*Date of the launch*	*Location of the launch*	*Basic orbital characteristics*				*General function of the space object*
				Nodal period (min)	*Inclination (degrees)*	*Apogee (km)*	*Perigee (km)*	
The following objects were launched since the last report and remain in orbit:								
2015-021A	Dragon CRS-6	14 April 2015	–	92.6	51.64	404	399	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2015-023B	Falcon 9 R/B	27 April 2015	–	624.8	25.5	35 452	209	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
The following objects not previously reported have been identified since the last report:								
None.								
The following objects not previously reported have been identified since the last report but were no longer in orbit as at 2359Z on 30 April 2015:								
None.								
The following objects achieved orbit since the last report but were no longer in orbit as at 2359Z on 30 April 2015:								
2015-021B	Falcon 9 R/B	14 April 2015	–	90.2	51.6	365	214	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
The following objects identified in a previous report were no longer in orbit as at 2359Z on 30 April 2015:								
2013-064S, 1998-067FY								
The following objects were launched since the last report but did not achieve orbit:								
None.								
Revisions that should be made to previously reported data:								
None.								

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